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<b>IN THE UNITED STATES PATENT AND TRADEMARK OFFICE</b>	<i>Application Number</i>	10/623,437
	<i>Filing Date</i>	July 18, 2003
	<i>First Named Inventor</i>	David W. TOWNSEND
	<i>Group Art Unit</i>	3737
	<i>Examiner Name</i>	Ruth S. Smith
	<i>Attorney Docket Number</i>	2003P88029US (2436-185)
<i>Title of the Invention: COMBINED PET AND X-RAY CT TOMOGRAPH</i>		

**AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

This is a response to the first Office action on the merits, mailed December 18, 2006. Further reconsideration of this application is requested in view of the following amendments and remarks.